



**WHOLE BUNCH OF 'EM**—Doing what paperboys like to do after the route is over, Mike Rash of 25213 S. Dorin, Lomita, claims he has a whole bunch of tiny frogs in his frog-catching milk carton. The sixth grader explained that the pollywog season is out and the frog season is in ever since the wogs sprouted feet and lost their tails.

### 8 ECC Student Body Officers Serve on Honor Soc. Board

Eight former student body officers at El Camino College will serve during '62-'63 on the executive board of Corona Del Camino, ECC's student leadership honor society, following their election at a meeting of the organization this week.

Newly-elected Corona Del Camino president is Miss Rickie Fraboni of Gardena, while Wayne Overbeck, Manhattan Beach, is vice-president-elect, and Miss Judy Worswick of Torrance is newly-selected secretary-treasurer.

Miss Fraboni will succeed Dennis Mangers of Lawndale to the presidency.

Mangers, the college's AS president two years ago, is a June graduate of Long Beach State College and is entering the armed forces.

Overbeck, ECC commissioner of publications for three semesters, was graduated from the college last week. He was a member of the Corona executive board during the past semester. He will succeed Gary Marshall of Los Angeles.

Miss Worswick, also a recent graduate of Long Beach State College, was commissioner of activities and

sophomore class president while attending ECC.

Appointed as member of the Corona Del Camino executive board at this week's meeting were Miss Loretta Schultz, Gardena; Miss Rosemary LaFever, Inglewood; Wayne Rren, Manhattan Beach; Miss Barbara Connell, Torrance, and Miss Vicki Reed, Inglewood.

Organized in 1958, Corona Del Camino was founded to recognize students who have served in some phase of student activities, such as student government, athletics, journalism, music, drama, forensics and the college club program.

The group accepts approximately six new members each semester, based on accumulated points for service to El Camino in various areas.

Also at the recent meeting, the organization installed five new members named at the college's service awards banquet at the close of the school year.

Received into the membership were Bob Kuehn, Torrance; Nancy Easley, Inglewood; Miss LaFever, Miss Reed, and Maureen Hayes, Hawthorne.

### Control of Machines by Speech Instead of Push Buttons Predicted

The day when men control machines by speech, instead of pushing buttons or flipping levers, may be closer as the result of studies made at Case Institute of Technology by Dr. Harry W. Mergler, Associate Professor of Engineering.

The new technique has broad practical potentialities, especially in preparing instructions for computers. At present, many long hours must be spent in programming calculations, and this forms a bottleneck to effective computer use.

Dr. Mergler has demonstrated a new technique which turns human speech into numbers or digits that can be fed into a computer. These numbers in turn can then be reconstructed to form the original sound or word signal.

While Dr. Mergler can now turn all kinds of sounds—including music—into binary digital numbers (the familiar 01 and 10 numerical series used in computers), he is primarily concerned with transforming the so-called alpha-numeric sound signals into digital signals into a form suitable for machine recognition.

Dr. Mergler uses principles obtained from computers themselves to transform the sound. The sound is first turned into an electrical voltage. This voltage is sampled electrically, and the amplitude of the voltage is converted to a binary number proportional to the amplitude of the sample. This binary number may then be reconverted from a digital to an analog signal to a proportional voltage amplitude which in turn may be reproduced as the original sound pattern.

At the moment, Dr. Mer-

gler is primarily concerned with making the transformation of sound to numbers in as course a manner as possible and yet retain the fundamental information that is found in the sound.

He is investigating the time relationship of the sampling intervals—these range from 2-100s to 20-1,000,000s of a second—and the number of divisions of the amplitude of the sound waves to find the best combination for sampling.

This relationship is particularly important for projected use in computers, where it is desirable to sample at the lowest possible rate and transform the sound into the coarsest possible signal in order to handle the minimum amount of data and yet transmit the proper information to the machine. Dr. Mergler's system will shortly be tested with the computers in Case's Computing Center.

More elementary devices such as passenger elevators, machine tools or presently automated industrial production lines could also be made subject to such a system of voice control.

#### PIG IRON

In addition to making strong pig iron, iron ore helps make pigs stronger, according to an iron mining company. The company annually sells several thousand tons of special ore to a feed company. The latter grinds the ore into a fine iron oxide powder and mixes it with mineral feeds. The centuries-old term "pig iron" originated in the resemblance some early furnace men saw between the first cast form of iron and suckling pigs.



FROZEN FRESHNESS  
**PICTSWEET PEAS**  
**2** 10 oz. pkgs. **25c**

**YUBAN COFFEE**  
all grinds  
1 lb. can **59**

GOLDEN RANCH  
**BREAD**  
large loaf **25c**

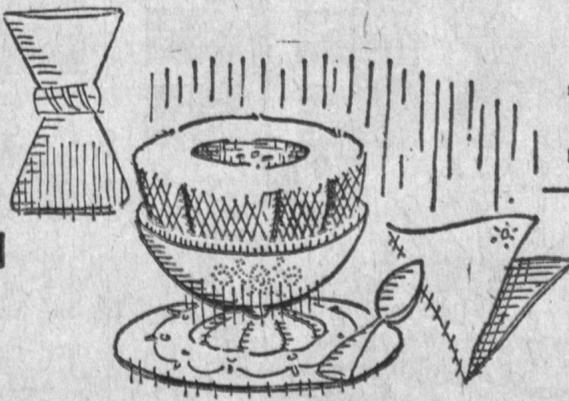
They're ready in a flash — from Betty Crocker. 7 oz. pkg.  
**INSTANT MASHED POTATOES** 29c  
Blue Ribbon, keeps food fresher for a longer period of time.  
**WAX PAPER — 75 FT. ROLL** 15c  
For cleaner dishes in half the time. 32 ounce bottle.  
**TREND LIQUID DETERGENT** 69c  
Beautiful, pastel colors and white. 225 ct. roll. Save 4¢.  
**ZEE PAPER TOWELS** 25c

PURE CANE  
**C & H SUGAR**  
5 lb. bag **49c**

<b>LIBBY TOMATO JUICE</b> jumbo 46 oz. can <b>23c</b>	<b>GOLDEN CREME FIRST QUALITY "AA" BUTTER</b> pound in quarters <b>67c</b>
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A fine bland oil, perfect for salads and cooking. Quart bottle.  
**FOOD GIANT SALAD OIL** 45c  
A quick energy pick-up in an instant. 1 lb. box. Save 6¢.  
**NESTLES COCOA QUIK** 39c  
Sweet accent for sandwiches, by Lady Betty. 15 ounce jar.  
**CUCUMBER WAFERS** 25c  
Frozen — hefty barbecued beef or zingy pastrami. 9 oz. pkg.  
**LARRY'S SANDWICHES** 59c

SWEET, RIPE, MEATY  
**CANTALOUPE**  
**10** for **\$1**



GARDEN FRESH  
**ROMAINE LETTUCE**  
**2** heads **15c**

SWEET  
**BROWN ONIONS**  
**5c** lb.

PROGRESSO  
**TOMATO SAUCE**  
**16** buffet cans **\$1**

CAL FAME FROZEN  
**ORANGE JUICE**  
**2** 6 oz. cans **29c**

ASSORTED  
**C.H.B. JAMS & JELLIES**  
16 oz. jar **29c**



YUBAN INSTANT COFFEE  
8 oz. jar 99c

ALL PURPOSE CLEANER MR. CLEAN  
Includes 4¢ Off Label 15 oz. 37c

YUBAN INSTANT COFFEE  
8 oz. jar 819

WESSON OIL  
Includes 7¢ Off Label 24 oz. 46c

BATHROOM BUNDLE COMET CLEANSER  
Includes 4¢ Off Label 8 1/2 35c

NEW BLUE CHEER DETERGENT  
Includes 7¢ Off Label giant pkg. 72c

SMOKEY JOE BARBECUED BEANS  
No. 300 can 21c

NABISCO COOKIES OREO CREME SANDWICH  
1 lb. pkg. 49c

UNCLE BEN'S CONVERTED RICE  
28 oz. pkg. 57c

CALO DOG FOOD  
2 15 1/2 oz. cans 31c

SWANSON FROZEN ASSORTED MEAT PIES  
24 27c

SWANSON FROZEN TURKEY, CHICKEN MAIN COURSE  
8 49c